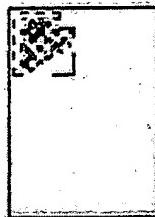


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## WO9739754A1: USE OF PROSTAGLANDINS TO TREAT ATAXIA TELANGIECTASIA

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**Abstract:**

Embodiments of the invention include formulations for the treatment of (AT) ataxia telangiectasia patient and asymptomatic AT heterozygous carriers. The subject formulations comprise one or more different prostaglandins and a pharmaceutically acceptable carrier. Preferably the prostaglandins are group E prostaglandins, prostaglandin E2 being particularly preferred. Other embodiments of the invention include methods of treating AT patients and ATcarriers. These methods comprise the steps of administering an effective amount of a prostaglandin containing composition of the invention. Other embodiments of the invention include methods of treating AT patients and carriers with radiotherapy. The methods comprise the steps of administering an effective amount of a prostaglandin containing formulations of the invention and subsequently irradiating the subject with an amount of radiation sufficient to achieve the desired therapeutic effect. Other embodiments of the invention include methods of radioimaging AT patients and AT carriers. The methods comprise the steps of administering an effective amount of a prostaglandin containing formulation of the invention and subsequently irradiating the subject with an amount of radiation to produce a diagnostic image of interest.

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**Attorney, Agent, or Firm:**  
**Foreign References:**

AITKEN, David, W.;

none

(No patents reference this one)

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